

c. Summary of Anticipated Effects

Project construction cannot be accomplished without infringing on wetlands and surface waters. Table 10 below presents anticipated project effects on wetlands and streams (Figure 7).

TABLE 10
WETLAND/STREAM IMPACTS OF PROJECT ALTERNATIVES

Wetlands Affected (Delineated)	30.97 ac.
Stream Impacts	598 ft.

d. Avoidance, Minimization, Mitigation

Given the number of streams and wetlands in the project area, total avoidance of surface waters and wetlands by this project is not feasible.

The alternative for the project has been retained because it has lower impacts on wetlands and streams. The project alignment has been developed to minimize impacts to wetlands and streams within the corridor. Additional minimization measures will be considered as the project progresses.

It is expected that wetland and stream mitigation will be required for the project. Final decisions regarding wetland and stream mitigation requirements will be made by the US Army Corps of Engineers and the NC Division of Water Quality. On-site mitigation will be used as much as possible. The Ecosystem Enhancement Program (EEP) will be used for remaining mitigation requirements beyond what can be satisfied by on-site mitigation.

e. Anticipated Permit Requirements

The proposed project will likely require an Individual Section 404 Permit from the US Army Corps of Engineers. Final permit decisions rest with the US Army Corps of Engineers.

This project will also require a 401 Water Quality Certification from the NC Division of Water Quality prior to issuance of the Individual 404 Permit. A state stormwater permit may also be required.

This project may require a CAMA permit from the NC Division of Coastal Management. If a CAMA permit is required, a CAMA Major Development permit will be required.

A bridge permit will be required from the Coast Guard and a Section 10 permit will be required from the US Army Corps of Engineers for the proposed new structure over the Chowan River. The Coast Guard permit cannot be issued until the Section 401 Water Quality Certification and the Certification of Consistency with the Coastal Zone Management Act is received.